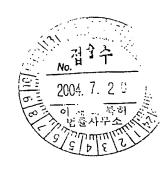
## PATENT COOPERATION TREATY

## **PCT**

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)



Applicant's or agent's file reference	FOR FURTHER ACTION as	see Form PCT/ISA/220 well as, where applicable, item 5 below.		
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/KR2004/001404	11 JUNE 2004 (11.06.2004)	12 JUNE 2003 (12.06.2003)		
Applicant  KIM, Sun Whan				
This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.				
This international search report consists of a total of 2 sheets.  It is also accompanied by a copy of each prior art document cited in this report.				
Basis of the report     a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.  The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).				
b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. 1.				
2. Certain claims were found unsearchable (See Box No. II)				
3. Unity of invention is lacking (See Box No. III)				
	d by the applicant. this Authority to read as follows:			
5. With regard to the abstract,		İ		
	the applicant.  cording to Rule 38.2(b), by this Authority a  date of mailing of this international search			
6. With regard to the drawings,  a. the figure of the drawings to be public  as suggested by the applicant failed because the applicant failed because this figure better cheb.  none of the figure is to be publis	nnt. I to suggest a figure. naracterizes the invention.	1		

## INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/001404

A. CLASSIFICATION OF SUBJECT MATTER			
IPC7 A47C 7/14			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by	y classification symbols)		
IPC7 A47C 7/14			
Documentation searched other than minimum documentation to the	extent that such documents are included in the fi	elds searched	
Korean Patents and applications for inventions since 1975			
Korean Utility models and applications for Utility models since 1975  Japanese Utility models and applications for Utility models since 1975			
Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)			
WPI, JAPIO, KIPASS			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category* Citation of document, with indication, where app	Citation of document, with indication, where appropriate, of the relevant passages		
	US 2002-0145321 AA (Stephen T. Brightbill) 2002/10/10		
see the whole document.			
A KR 1999-4006 U (Kyung Duk, Choi) 1999/01/25	· · ·		
see the whole document.	see the whole document.		
A KR 2002-565110000 Y (Ho Sang, You) 2001/12/24	<b>i</b>	1	
see the whole document.	!		
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Further documents are listed in the continuation of Box C.  See patent family annex.			
* Special categories of cited documents:  "T" later document published after the international filing date or price date and not in conflict with the application but cited to unders		nal filing date or priority	
to be of particular relevance the principle or theory underlying the inventi		tion	
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claime considered novel or cannot be considered t		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other	step when the document is taken alone "Y" document of particular relevance; the claims		
special reason (as specified)	considered to involve an inventive step wh	nen the document is	
"O" document referring to an oral disclosure, use, exhibition or other means	combined with one or more other such docu being obvious to a person skilled in the art		
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family		
Date of the actual completion of the international search  Date of mailing of the international search report			
14 JULY 2004 (14.07.2004)	14 JULY 2004 (14.07.2004)		
Name and mailing address of the ISA/KR	Authorized officer	Se ( pers m)	
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